Saahiti Annamneedi

4A Computer Engineering

✉ stannamn@uwaterloo.ca
 github.com/saahiti
 linkedin.com/in/saahiti
☎ (416) 877-5671

SKILLS SUMMARY

Languages:
Java
Python
Ruby
JavaScript
C++

Databases:
MongoDB, SQL

Frameworks:
Node.js (with Express)
React, ReactNative
Rails

Tools
Git
Bash, Powershell
Linux, OSX
Docker, Chef, Vagrant
Teamcity, Rundeck

Excellent grasp of data structures and algorithms
Learning enthusiast and problem solver
Remarkably adaptable to fast paced environments

RELEVANT COURSES

Distributed Computing
Cooperative & Adaptive Algorithms
Computer Security
Algorithms & Data Structures

INTERESTS

VP Education | EWB
– Developing CEAB-aligned course content for ME 100
Rock Climbing
Intramural Volleyball
Historical Fiction

EDUCATION

University of Waterloo
Computer Engineering
(expected graduation April 2019)

EXPERIENCE

Minted
Software Engineering Intern | San Francisco, CA | Fall 2017

- Developed key features of the customer-facing Photo Op website using React
- Refactored endpoints of Minted's extensive product API built in Python and Django, optimized queries to reduce response times up to **80%**
- Worked independently to develop and deploy features and bug fixes for the MVP launch of the Photo Op iOS app using ReactNative

TribalScale
Agile Engineering Intern | Toronto, ON | Winter 2017

- Developed the backend for an iOS surveying app – including authentication, AWS content management, report generation and a restful API using the Node.js, Express and MongoDB stack
- Implemented features of the top stories redesign and video player for ABC News' Android app with more than **1M installs**
- Created an NPM package to facilitate integration of analytics solutions such as Google Analytics, Segment and Mixpanel into any Alexa application

Oracle
Software Engineering Intern (DevOps) | Toronto, ON | Spring 2016

- Worked cross-team to maintain a **continuous delivery** pipeline – used tools such as Teamcity, Rundeck to manage build configurations, deploy hotfixes and monitor infrastructure
- Reduced run-time of biweekly maintenance tasks on remote-servers from hours to a few minutes – using Bash and Powershell scripts interacting with Chef, Sensu, Grafana and Selenium
- Developed features of the team's internal Ruby API and resource allocation dashboard to provision, repurpose and bulkimage VMs

N8Identity
Java Developer Intern | Toronto, ON | Fall 2015

- Worked on TheAccessHub, an Identity and Access Management SaaS website and backend libraries using Spring Framework
- Designed and executed multi-threaded testing system to verify existing software, created 30,000+ JUnit tests and reduced test build time by **60%**
- Wrote SQL scripts to fix regressions in database

PROJECTS

go-learn – Implementations of artificial neural networks in golang, using Multilayer Perception and Backward Propagation techniques

ml101 – an exploratory app in machine learning that leverages Python's pandas, numpy and scikit-learn libraries to perform supervised learning on data from the Human Development Report 2015

SudokuSolver – Generates interactive Sudoku puzzles of varying difficulty levels for user, can solve any valid puzzle, written in Java